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In the claims:

1. (Previously Presented) A method of treating a subject suffering hyperlipidemia or hypercholesterolemia, the method comprising administering to the subject an effective amount of an MTP inhibitor, wherein said administration comprises at least three step-wise, increasing dose levels of the MTP inhibitors wherein a first dose level is from about 2 to about 13 mg/day, a second dose level is from about 5 to about 30mg/day, and a third dose level is from about 10 to about 50 mg/day; and wherein the MTP inhibitor is represented by:

or a pharmaceutically acceptable salt thereof or the piperidine N-oxide thereof, and wherein each dose level is administered to the subject for about 1 to 4 weeks.

- 2. (Original) The method of claim 1 wherein the disorder is severe hypercholesterolemia.
- 3. (Previously Presented) The method of claim 1 wherein one or more of Total Cholesterol, LDL, fasting triglycerides (TG), VLDL, lipoprotein (a) (Lp(a)), and-lipoprotein B are reduced by at least 15%, compared to control levels.
- 4. (Previously Presented) The method of claim 1 wherein one or more of Total Cholesterol, LDL, fasting triglycerides (TG), VLDL, lipoprotein (a) (Lp(a)), and-lipoprotein B are reduced by at least 25%, compared to control levels.

- 5. (Canceled)
- 6. (Original) The method of claim 1 wherein the MTP inhibitor is administered orally.
- 7. (Canceled)
- 8. (Previously Presented) The method of claim 1 wherein said increasing dose levels further comprise a fourth dose level.
- 9. (Previously Presented) The method of claim 1 wherein said increasing dose levels further comprise a fourth and a fifth dose level.

10.-15. (Canceled)

16. (Previously Presented) The method of claim 1 wherein said MTP inhibitor is administered to said subject in combination with a further compound selected from the group consisting of: HMG CoA reductase inhibitors, cholesterol absorption inhibitors, ezetimibe, squalene synthetase inhibitors, fibrates, bile acid sequestrants, statins, probucol, niacin, thiazolidinediones, and cholesterol ester transfer protein (CETP) inhibitors.

17. (Canceled)

- 18. (Previously Presented) The method of claim 16 wherein the MTP inhibitor and the further compound are present in the same dosage unit.
- 19. -25. (Canceled).
- 26. (Previously Presented) The method of claim 1, wherein the increasing dose levels comprise a fourth dose level from about 20 to about 60 mg/day and a fifth dose level from about 30 to about 75mg/day.

27. (Previously Presented) A method of treating hyperlipidemia or hypercholesterolemia in a subject in need thereof, comprising:

initially administering to the subject a first dose level of about 2 to about 13 mg/day of a compound represented by:

or a pharmaceutically acceptable salt thereof or the piperidine N-oxide thereof, for about 1 week to about 4 weeks,

administering an increasing second and third dose level of the compound for about 1 week to about 4 weeks each, wherein said second and third dose level are no more than 50% of the immediately following dose level.

28. (Previously Presented) The method of claim 16, wherein the further compound is ezetimibe.